

## Hydrofurimazine

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| Catalog      | Unit  |
|--------------|-------|
| TBP0120-5MG  | 5 mg  |
| TBP0120-10MG | 10 mg |

### Description

Hydrofurimazine is a synthetic substrate designed for use with NanoLuc luciferase in bioluminescence imaging (BLI) applications. This compound offers enhanced aqueous solubility compared to its predecessor, furimazine, allowing for higher dosing in vivo and resulting in prolonged and more sensitive light emission.

### Product Details

**Formal Name:** 8-Benzyl-2-(furan-2-ylmethyl)-6-(3-hydroxyphenyl)imidazo(1,2-a)pyrazin-3(7h)-one

**Molecular Formula:** C<sub>24</sub>H<sub>19</sub>N<sub>3</sub>O<sub>3</sub>

**Formula Weight:** 397.43

**CAS Number:** 2179052-10-7

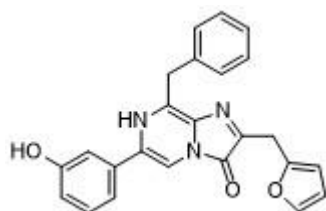
**Purity:** ≥98%

**Formulation:** powder

**Storage:** -20°C

**Stability:** >2 years

**Solubility:** DMSO



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